

Converting Colors

CIELCh(71, 19.290, 227.060)

Have a look what the booklet for
CIELCh(71, 19.290, 227.060)
contains.

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Color

CIELCh(71, 19.296, 227.200)

Conversions

Conversions Part 1

Format	Color
Hex	81B6C7
RGB	129, 182, 199
RGB Percent	51%, 71%, 78%
CMY	0.4945, 0.2867, 0.2200
CMYK	0.35, 0.09, 0.00, 0.22
HSL	195°, 38%, 64%
HSV	195°, 35%, 78%
XYZ	36.0376, 42.1875, 60.2083
YIQ	168.0910, -37.0450, -5.9490

Conversions

Conversions Part 2

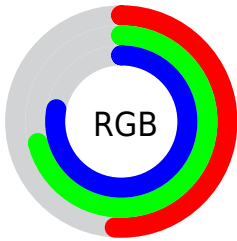
Format	Color
RYB	129, 159, 199
Decimal	8500935
CIELab	71.00, -13.11, -14.16
CIELCh	71, 19.296, 227.200
Yxy	42.1875, 0.2603, 0.3047
Android (android.graphics.Color)	4286691015 (0xFF81B6C7)
YUV	168.0910, 15.2381, -34.2828
Hunter-Lab	64.9519, -14.6276, -9.4936

Details

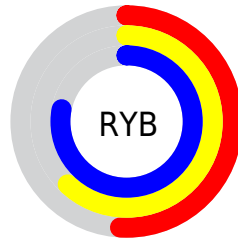
The CIELCh color `71, 19.296, 227.200` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `65, 24.476, 43.574`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 19.157, 226.000`, and `51, 19.271, 227.110` is the 20% darker color. If you saturate the color by 10%, you get `69, 23.787, 228.539`, and if you desaturate by 10%, it is `73, 14.297, 226.176`.

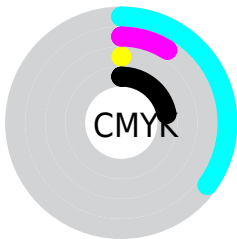
Distribution



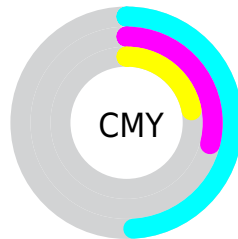
- Red (51%)
- Green (71%)
- Blue (78%)



- Red (51%)
- Yellow (62%)
- Blue (78%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)





- Cyan (49%)
- Magenta (29%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.296, 227.200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 71, 19.296, 227.200 by changing the saturation by 10% instead.


 71, 19.296,
227.200


 71, 19.296,
227.200


 100, 19.296,
227.200


 61, 19.296,
227.200


 91, 19.296,
227.200

 51, 19.296,
227.200

 41, 19.296,
227.200

 31, 19.296,
227.200

 21, 19.296,
227.200

 11, 19.296,
227.200

 1, 19.296, 227.200

0, 19.296, 227.200

71, 19.296,
227.200

71, 19.296,
227.200

69, 23.787,
228.539

73, 14.297,
226.176

66, 27.693,
230.279

76, 8.874, 225.421

64, 30.960,
232.504

79, 3.108, 224.952

82, 2.927, 44.177

62, 33.568,
235.305

84, 9.168, 43.996

61, 35.558,
238.760

87, 15.560, 43.810

89, 17.428, 50.109

59, 37.046,
242.899

90, 17.350, 59.985

■ 58, 37.701,
245.005

■ 91, 17.792, 69.631

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71, 19.296, 227.200



65, 24.476, 43.574

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 19.296, 227.200



71, 19.296, 277.200



71, 19.296, 47.200



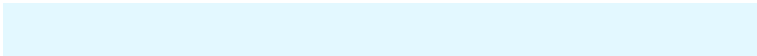
71, 19.296, 97.200

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71, 19.296, 227.197



96, 7.942, 225.187



75, 38.840, 148.890



51, 5.318, 225.262



0, 0.000, 0.000



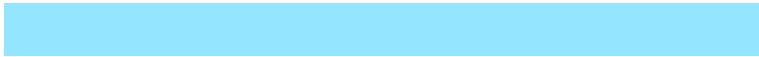
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 19.296, 227.197



87, 27.351, 228.158



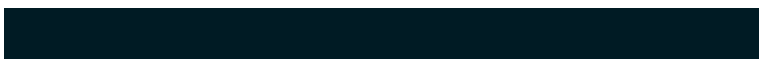
61, 29.236, 281.518



41, 3.361, 225.099



48, 32.439, 244.279



8, 11.131, 234.187

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63, 38.816, 334.467



75, 56.260, 335.031



74, 28.650, 91.736



39, 6.232, 332.643



36, 68.810, 340.731



4, 21.612, 337.252

Previews

White Background



This preview shows how the CIE LCh color 71, 19.296, 227.200 looks on a white background.

Color Contrast Check

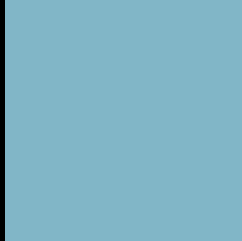
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 19.296, 227.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

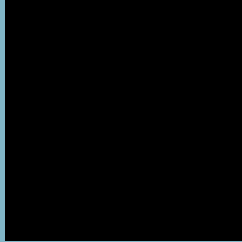
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

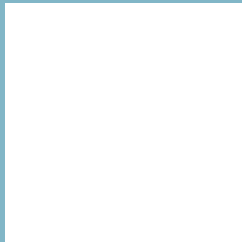
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 19.296, 227.200

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.296, 227.200.

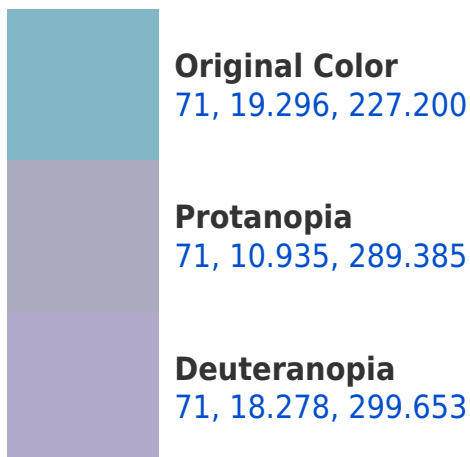


This preview shows how white text looks on a background with the CIELCh color 71, 19.296, 227.200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
71, 19.189, 223.638

Trichromacy



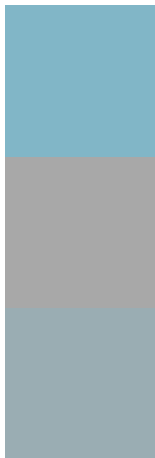
Original Color
71, 19.296, 227.200

Protanomaly
71, 12.310, 256.854

Deuteranomaly
71, 15.483, 272.200

Tritanomaly
71, 19.361, 225.222

Monochromacy



Original Color
71, 19.296, 227.200

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.520, 224.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.296, 227.200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 182, 199)` looks like.

```
.text, #text, p{  
    color:rgb(129, 182, 199)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 182, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.296, 227.200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 182, 199) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 182, 199) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 182, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 182, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 182, 199); box-shadow:4px 4px 4px 4px rgb(129, 182, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.296, 227.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 182, 199) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
182, 199) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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